

C 4000 BC

The Egyptians were probably the first people to adopt a predominantly solar Cal. They noted that Sirius, reappeared in the eastern sky just before sunrise, after several months of invisibility. They also noted that the annual flood of the Nile R came soon after Sirius reappeared. They used this event to fix their Cal., and came to recognize a year of 365 days, made up of 12 mo.

30 days long and an extra dividend of five  
days added on at the end, but they  
did not allow for the extra fourth of a  
day, and their Cal. slowly drifted in  
error

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In Egypt the calendar which had been used since 8000 BC was changed by adding 5 more days, making the year 365 days long. There was no intercalation constituted a scale of unvarying length.

It the Greek astronomers and was still used by COPERNICUS

in the 16<sup>th</sup> Century A.D.

4000BC WILDUR

BADARIAN Culture (Egypt)  
appears